3G Video Alarm System

User Manual

For your fully understanding, please read the details of this user manual before using.

If any difference on appearance, please make the object as the standard.If any function

with improvement, maybe without prior informed.

Chapter One: Brief Instruction

Thank you for choosing our high-tech 3G Video Alarm system to secure your family and property. Please read this manual carefully before you set up this system. This system integrate advanced microcomputer technology and IC design. Lovely and luxury appearance, latest technology, high quality and reliable performance will make it the most amazing device on the market.

Special features: Visual phone function, you can view the live video at any time any where.

1, This product use the most popular world wide network W-CDMA.
2, If the place has 3G signal, the image is clear and smooth, If there is no 3G signal, the system will automatically switch to 3G mode.
3, This system has 1CH video camera by itself, lens optional, visual distance is depending on the lens.
4, Built-in PTZ, 270 degree rotation.
5, Can be monitoring/listening in spot real time,dial in to remotely control the alarm system or PTZ rotation.
6, It can auto dial 6 groups video/audio alarm phone number, 3 groups MMS alarm phone number, 3 groups SMS alarm phone number.
7, Through video calling, you can control the PTZ for 270 degree rotation to monitor in spot by 3G mobile phone.
8, After alarming, we can take photos or recording to TF Flash card (Micro card) (Support maximam 4G TF Flash card)
9, External speaker is optional to the system, after viewing the video, you can shout to the thief directly from phone call, dual way talking. (Optional function)
10, Compatible with wireless doorway keyboard.
11, AC power off alarm function: When AC power is shut down suddenly, the built-in lithium battery can support the video alarm system and PTZ working normally, main host can choose SMS notice function.
12, Electronic ZOOM function, enlarge & minification up to 6×.It also has brightness adjustment(high or low) function.
13, Voice indication function: Remotely operation with voice indication for each step. Friendly interface & suitable for user.

Chapter Two: User Notice

1, Working Elements and Functions

	Central Panel, which can receive signal, recognize, and record and output alarm functions etc.		Siren: It has 120Db output when the system is triggered.

	Intelligent curtain PIR Motion sensor detects the movement from human beings			USB data cable: Function setting
	Door sensor: One transmitter and one magnetic part, if the distance is over 1.5cm between these two parts, then it will send signal to			Smoke detector: it detects the suspicious smoke/fire particulates before fire occurs.
	Remote control: arm, disarm, emergency alarm			AC Adapter DC12V 1A

Notices:

1,There are 2 ways for setting our this system: wireless keypad setting or PC setting. The USB data cable is included in 3G standard package,which is used for connecting PC to setup the functions of the 3G main host.If buyers would like to operate the system by wireless keypad, please purchase keypad from our distributors.

2, Please save the USB data cable properly for future upgrade system or after sale service from factory.

3, After installation finished, users should modify the log in password in immediately to avoid privacy disclosure.The password won't be too simple.

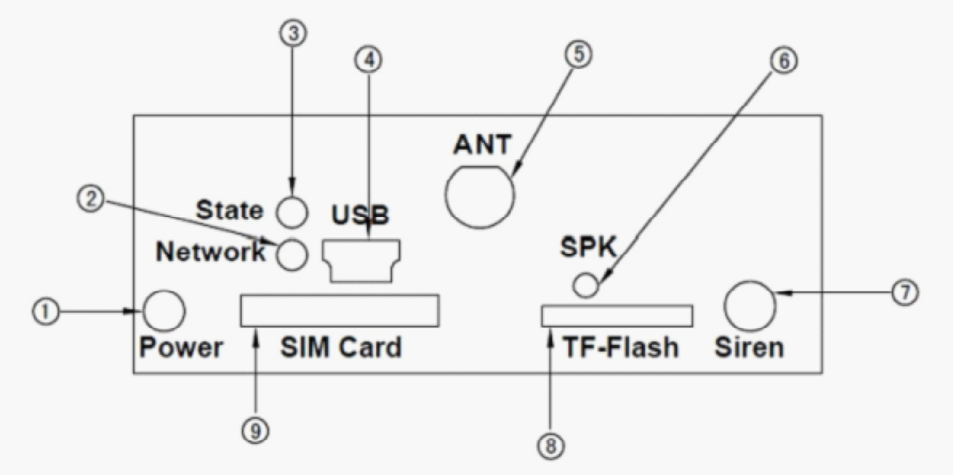
4, This 3G alarm system can work together with our PIR motion detector,door sensor,gas leaking detector,fire/smoke detector any kind of alarm accessories from our factory.

5,Please install the alarm accessories by correctly, installation inappropriate will effect the using result.

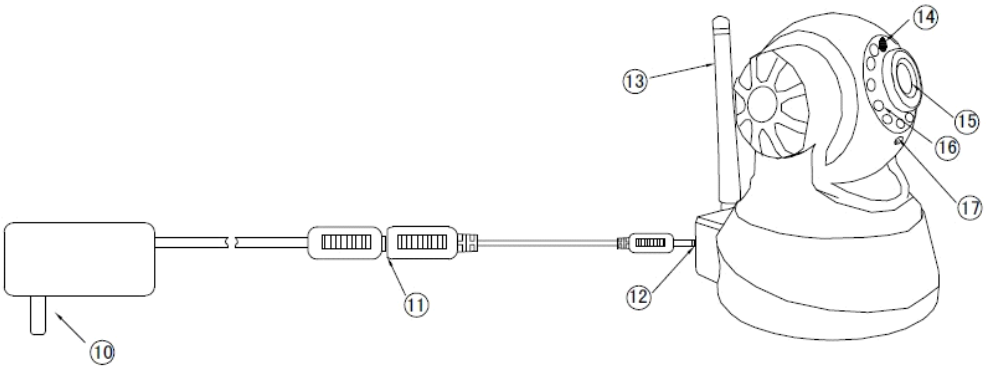
6, Please kindly refer the "Disclaimer/Tips" by the end of this user manual.

Chapter Three: Installation

1.How to install the central panel



(Figure 1: back side connection)



(Figure 2: 3G main host structure)

1:Power slot	2:GSM or 3G	3:Alarm system	4:Mini 5 pin USB
5: RF antenna	6:Loudspeaker	7: external siren	8:T-FLASH card
9: SIM card slot	10:Power adapter	11:Connector of	12: Power plug
13: RF antenna	14: Photoresistor	15:Camera lens	16:IR night vision
17: MIC hole			

1st Step: Open the package to check if it is completely and good.(Including main host,power adapter, keypad, remote controller, wireless sensors & other accessories.)
2nd step: Confirm installation position and prepare for it.

3rd step: Prepare 1pcs W-CDMA SIM card which can be dialed out(pre-charge), insert it into "SIM Card" slot parallelly. If it needs to connect siren, please plug it into "Siren" slot, if it need recording, please insert TF Flash card into "TF-Flash" slot, then plug the adapter into "Power" slot, the main host will make one sound "Beep", built-in PTZ will rotate left-right, enter main host self-checking status.

4th step: After a while, the main host will make "Beep" continuous sound again,after B sound finished, it means the main host initialization finished and enter normally standby status. At this time, the "Network" LED light flash 1 time/second about, it means finding 3G signal successfully.

Network light working instruction:
a. If the network light is normal on, it indicates no 3G signal or no 3G WCDMA SIM card.
b. If the network light flashes every 1s, it indicates there is GSM signal or 3G signal.

State light working instruction:
a.If state light is normal on, it indicates the main panel is armed.
b.If state light is normal off, it indicates the main panel is disarmed.
c.If state light flashes quickly, it indicates the main panel is alarming.

Main host built-in buzzer indicating instruction:
A. The main panel will make "beep" sound 1 time/s, it means the main host is searching network and initialization.
B. The main panel will make"beep"sound if you press every key of the remote controller.
C. When using wireless controller to operate the main host, after input the command, the main host will send out a long "beep" sound, it indicates operation is successful. If main host makes "beep" for 3 times, it means inputs is wrong or the setting is failed(wrong password).

Back-up battery using instruction: (You can choose one of them before factory)
1)
A.When the SIM card is inserted correctly, it will turn on the built-in battery to support the main host working.
B.When the SIM card is pulled out, it will turn off the built-in battery.
C.Please pull the SIM card out, then insert it again if you want the main host restart.

2)When Figure 2(12) Power plug is plug out, the built-in battery doesn't work to supply power. When Figure 2(10) power adapter or Figure 2(11) Connector of Extension Cable is taken out, or AC power is failure, the built-in battery can continue to work.

IR day/night light working instruction:
When the light is in dark, the Infrared night-vision lamp will work automatically.

SIM card/T-Flash card insert & pop out instruction:

Insert: Insert SIM card or TF card parally into "SIM Card" slot or "T-Flash card", push it to the most inside, then release is ok.

Pop up: Use finger to press SIM card or T-Flash card, then release, to get the card out of the system.

2. How to install Door/Window Sensor (Fig 3)

A. Door sensor is consisted of two parts: transmitter part and magnetic part .You can fix them with screws or adhesive.You need to check the LED side of transmitter part against the magnetic part . The maximum limit is 15mm between them.

B. If you use the configured adhesive to install the door/window sensor, please make sure the installation position flat and clean. If you install it on the wooden material, please install with setscrews.

C. If the door/window sensor's low power indication light flashes or the transmission distance is nearer than before, please change the battery (12V, 23A).

Open from right Double open Open from left Slide window

1 2 3 4

3. How to install Motion Detector (PIR)

Firstly peel off the cover, and then fill with the battery. It must be installed 1.6cm off from the wall, 1.5m to 2.5m high from the ground and face the monitoring area, inner house to avoid the direct sun light.

Wide-angle motion detector: vertical 55°, horizontal 110°, distance 8m.

Curtain motion detector: vertical 99°, horizontal 20cm thickness, distance 8m.

4. How to install Gas Leakage Detector

Install it with the distance of 0-4m from the gas source.

B. Inner 0.3m high from the ground if Liquid petroleum gas; inner 0.3m from the ceiling if coal and natural gas.

C, It takes 3 minutes for preparing work. The red light will be flashing in preparing.

D, User should check and clear it to ensure its effect in normal days.

5. How to install Smoke Detector

Fill the 9V battery firstly, press Test button over 3 seconds, or flow the smoke into the detectors, it means it works normally when hear "beep" sound. Please install it on the top of wall or ceiling and do not install it near the door or window.

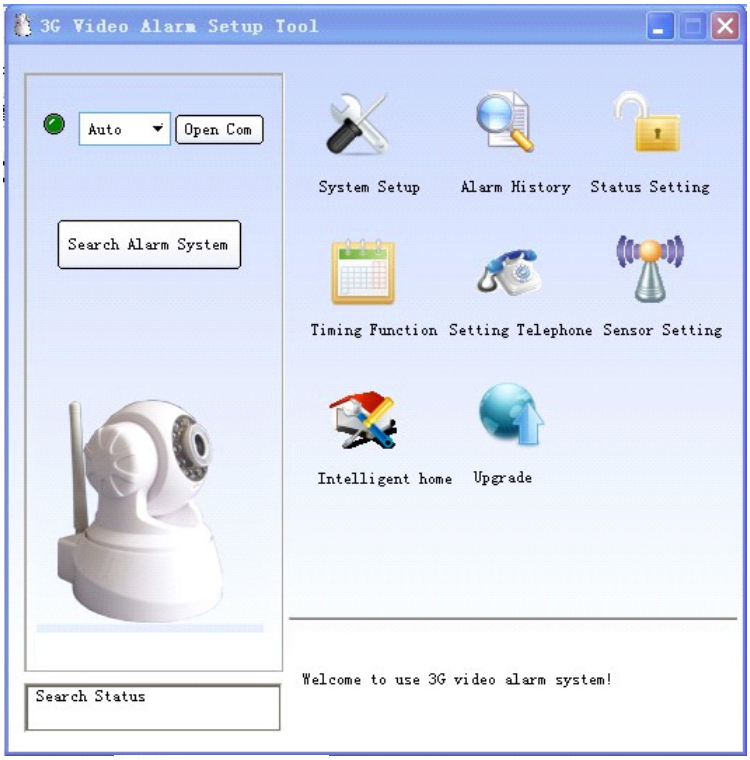
Chapter Four: Function Setting and Program via USB

NOTE: The PC setting software CD is included in the 3G standard package, you can copy all the files into your PC and then set up this software and set all the 3G system functions on PC easily!

4.1 Power on the 3G camera with power adapter, connect the camera to your PC with USB cable included!

4.2 Double click to set up "System USB driver.exe" and

these two software.

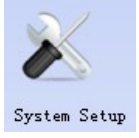


4.3 Click

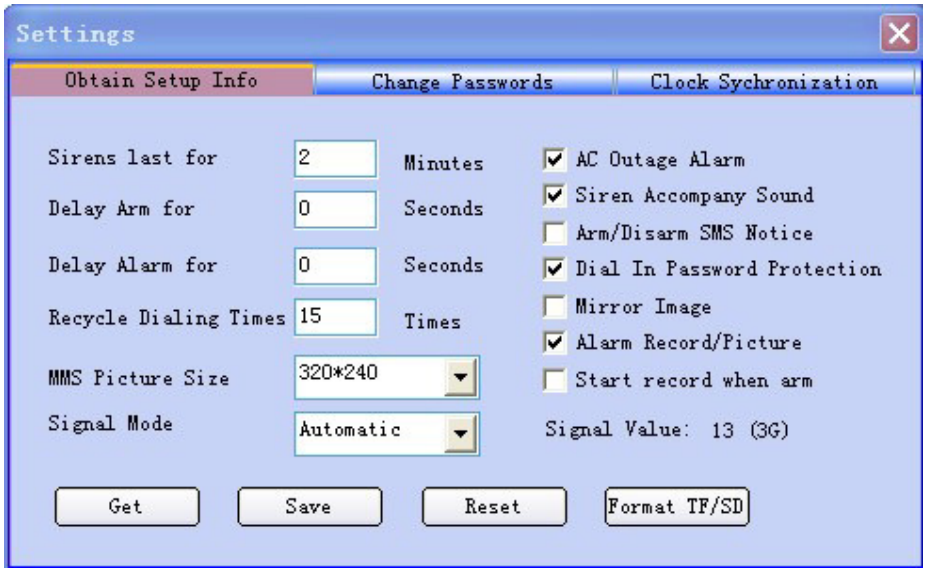
this software on PC desktop, press button "

", it will show the following interface "

", the main host's default password:"1234", input "1234" and press OK to confirm. If the password is correct, it can connect with 3G main host to do settings.

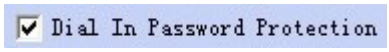
4.4 Click 

to set the following host parameters:

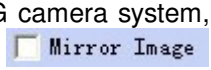


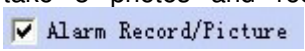
Here, you can set the following functions:

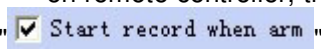
1) **Siren's hooting time**: siren's hooting time is programmable when 3G system alarming(00-30 minutes)
   If you set 00, it will be mute alarm;
   If you set over 30 minutes, the alarm system won't stop hooting until you disarm the system.
   E.g. Sirens last for 2 Minutes by default setting
2) **Arm delay time setting**: Exit delay time setting: 00-99 seconds
   E.g. Delay Arm for 0 Seconds by default setting
3) **Alarm delay time setting**: Entry delay time setting: 00-99 seconds
   E.g. Delay Alarm for 0 Seconds by default setting
4) **Recycle times incorrect**: You can set the auto dial times if no person answer the alarm calling, optional. E.g Recycle Dialing Times 15 Times by default setting
5) **MMS photo size (pixles) setting:** Can choose 176*144、320*240、640*480, the high pixle setting, the more clear MMS picture will send. E.g MMS Picture Size 320*240 by default setting
6) **Signal mode setting:** Can choose "Automatic"(It means 3G signal is in priority if there is 3G signal, when there is no 3G signal, it will automatically switch to 2G mode.) or "WCDMA Only" 2 modes, when the 3G signal is weak,you can choose WCDMA Only to optimize. E.g Signal Mode Automatic by default setting
7) **AC power failure alarm ON/OFF**: if it's ON, when host AC power failure, the host will send you SMS to remind you. E.g AC Outage Alarm by default setting
8) **Siren accompany sound ON/OFF:** if it's ON, when control the system with remote control, the wired mini siren will make sound "Du...". E.g Siren Accompany Sound by default setting (It means siren accompany sound with ON.)
9) **Arm/Disarm SMS report function ON/OFF**: if it's ON, whether you arm or disarm the host with remote control, the host will send you SMS notification. E.g Arm/Disarm SMS Notice by default setting
10) **Use the remote password or not**: if you choose password protection,you should input correct password to check the real time video and remote control the system when you dial in to it. Without password protection when dial in, it will affect the privacy for the

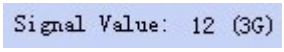
video. E.g 

by default setting

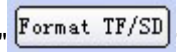
11) **Flip picture:** There are 2 kinds of installation way for this 3G camera system, you can adjust the picture/image for Forward/Reverse accordingly. e.g 

12) **Alarm record/picture:** When the main host is alarming, it can take photos and record if there is put in TF Flash card inside already. If you choose to have this function, it will take 3 photos and record for 5s to TF flash card when alarm happens. E.g 

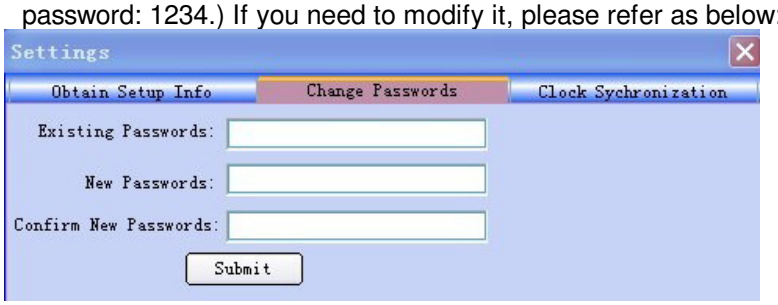
13) **Start record when arm:** When press button " " on remote controller, the 3G main host will record to TF Flash card, when press " " on remote controller, the 3G main host stop recording. Choose this function as follow:" 

" and SAVE.
14) **Signal value:** e.g 

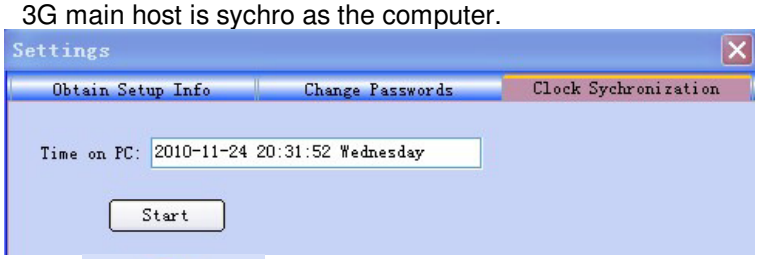
15) **Back to default setting**: you can press

to back to default setting.
16) **Format TF/SD:** Press " 

", the main host will delete all files content in TF Flash card.
17) **Change passwords:** The 3G main host can be modified password, it is mainly used for remotely view the video & control the system by password identification. (The default password: 1234.) If you need to modify it, please refer as below:

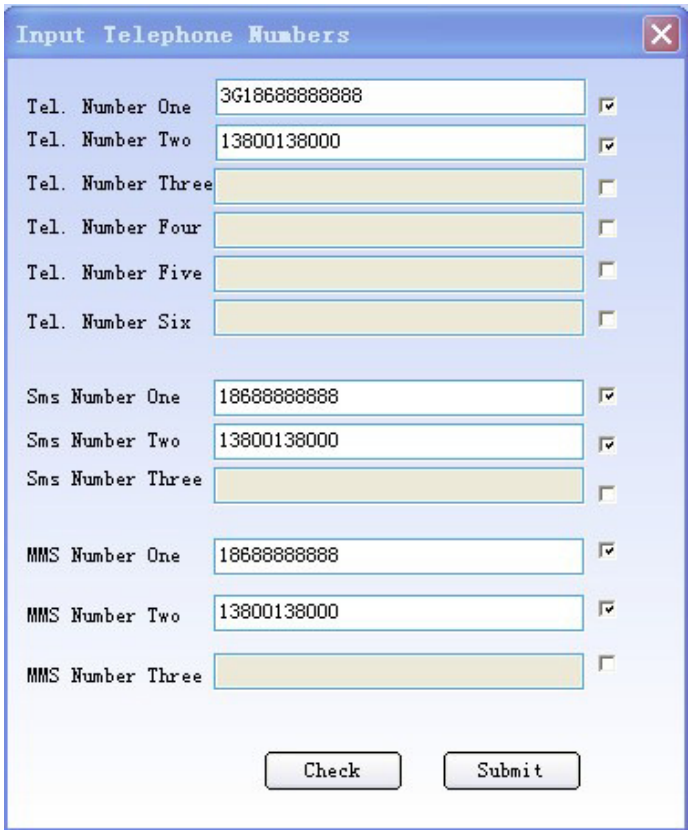


18) **Clock Sychronization:** Click to the interface as below, press "Start" to set the time of 3G main host is sychro as the computer.



4.5 Click

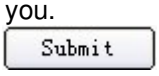
to set the following alarm phone numbers:



Here, you can set the following alarm phone numbers:

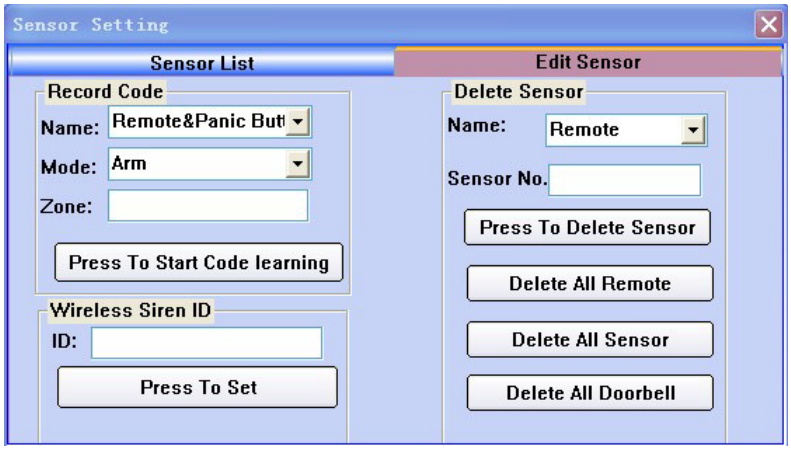
This 3G system support 6 groups of alarm phone numbers including audio phone number or audio & video phone number, 3 groups SMS notification numbers and 3 groups MMS phone numbers. Before setting, please Click to obtain the phone number which already set. Then you can modify each group as below operation:

1) Set alarm audio numbers, you can input phone number directly as above interface shows you: 13800138000. When system alarming, it will auto dial ordinary audio call to you.
2) Set 3G audio and video alarm phone numbers, you should add the letters 3G in front of the mobile phone number as above interface shows you: 3G13800138000. When system alarming, it will auto dial video call to you.
3) Set SMS notification phone numbers, you can input phone number directly as above interface shows you: 13800138000. When system alarming, it will send you SMS notification firstly.
4) Set MMS phone numbers: The 3G system will send MMS with pictures to the pre-setting MMS phone number when alarm happen. You can input the MMS phone number as above interface show you.

After setting, please click  to save all the settings.

4.6 Click to program wireless sensors:

This 3G alarm system can match 32pcs alarm accessories totally (PIR-Door sensor-water detector-gas detector-smoke detector-heat detector,etc.) and up to 5pcs remote controllers.



As above interface shows you, when you program new sensors into 3G system, you should do it like this:

choose Accessory name→ choose alarm Mode→choose Zone number→Click

→Trigger the wireless sensor to send a signal to 3G system→3G system send out two BEEPs indicates programing OK.

NOTE:

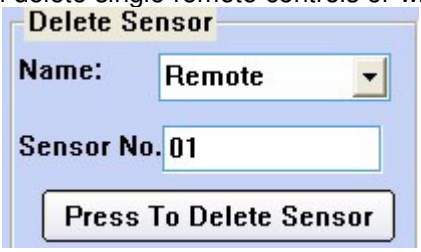
1) We usually program wireless sensors as above interface shows you:

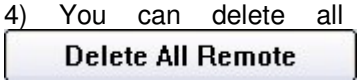
a. Remote control→Emergency mode→01

b. PIR→Bypass mode→02 (Bypass mode, then you can disarm PIR sensors seperately)

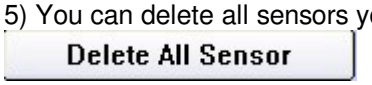
c. Door sensor→Arm mode→03

2)Check alarm accessories, showing as below:

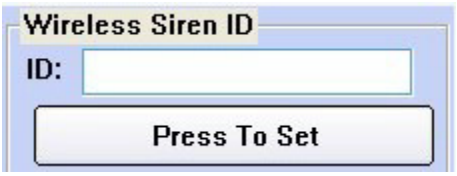
3) You can delete single remote controls or wireless sensors you have programmed showing as below: 

4) You can delete all remotes you have programmed showing as below: 

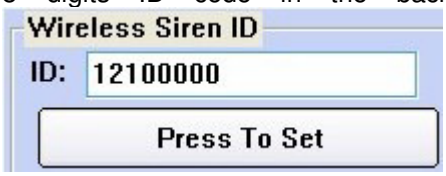
5) You can delete all sensors you have programmed showing as below:



6) Setting wireless siren's ID:



The main host can work with our company's wireless middle/big size wireless siren, check the 8 digits ID code in the back of the wireless siren, input it as here,e.g:



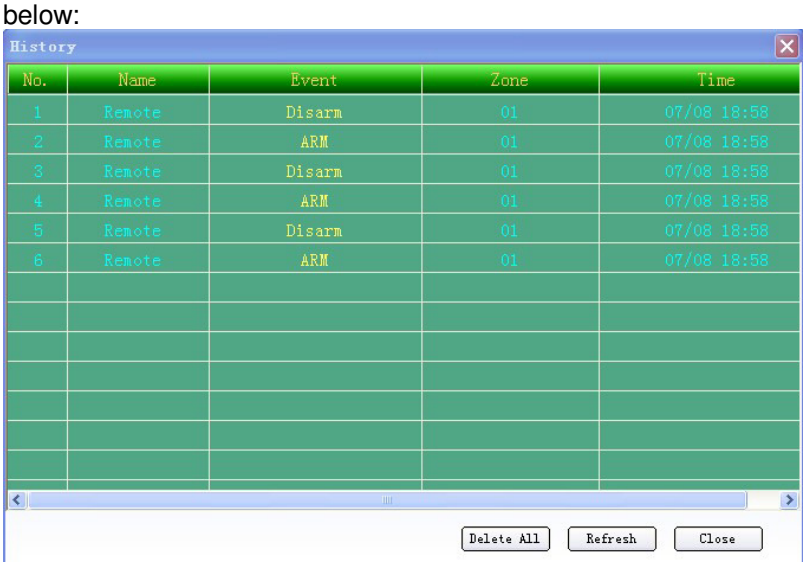
Click "Press To Set" is OK.

If you would like to close the wireless siren, please input the ID code as 00000000.

4.7 Click

to check alarm history records:

This 3G alarm system can only support latest 50pcs alarm history checking. Showing as below:


History
No. Name Event Zone Time
1 Remote Disarm 01 07/08 18:58
2 Remote ARM 01 07/08 18:58
3 Remote Disarm 01 07/08 18:58
4 Remote ARM 01 07/08 18:58
5 Remote Disarm 01 07/08 18:58
6 Remote ARM 01 07/08 18:58
Delete All
Refresh
Close

You can click

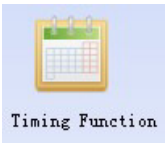
button to download alarm history records, and you can click

to delete all the alarm history records.

4.8 Arm/Disarm by computer operation:

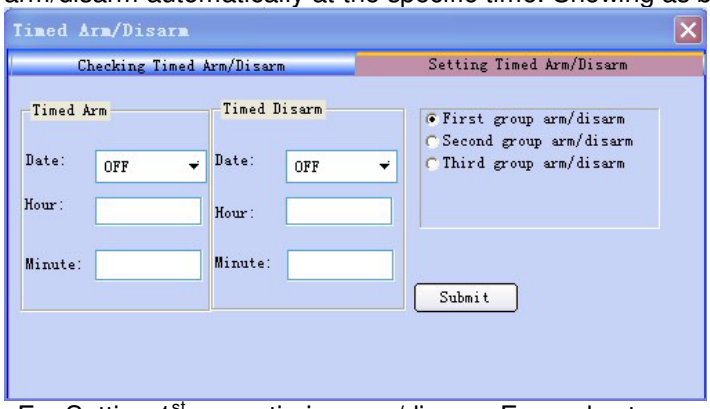
Click this button

→

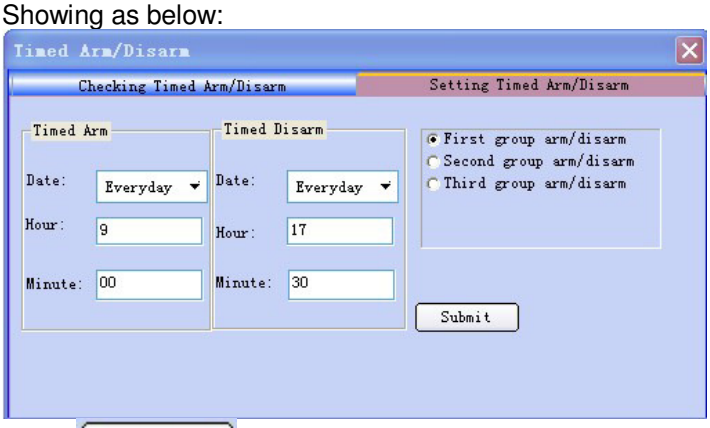
4.9 Click 

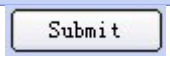
to set arm/disarm time:

1)You can set 3 groups of arm time and 3 groups of disarm time, then the 3G system will arm/disarm automatically at the specific time. Showing as below:



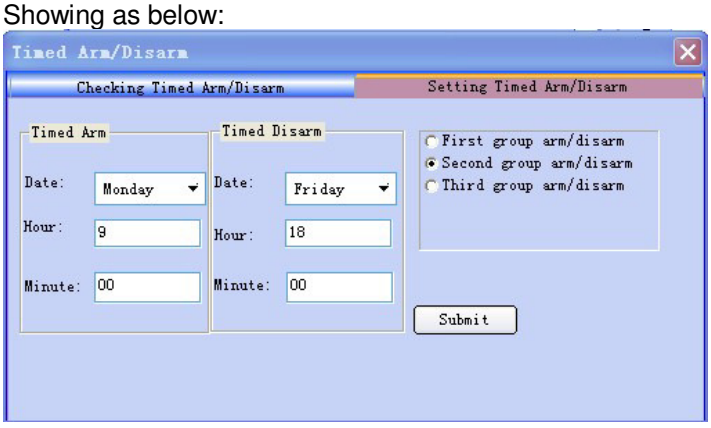
E.g Setting 1st group timing arm/disarm: Every day to arm from 9:00 and disarm until 17:30. Showing as below:



Press 

to save setting.

E.g Setting 2nd group timing arm/disarm: Monday to arm from 9:00 and disarm until 18:00. Showing as below:



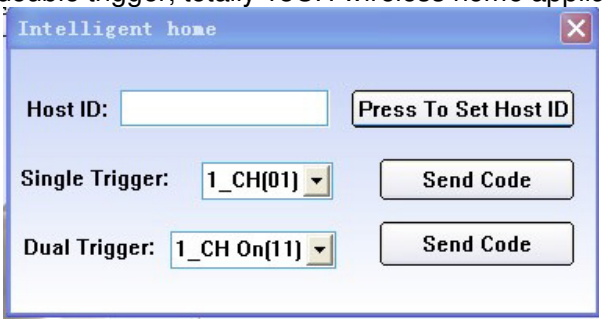
Press

to save setting.

2)Checking Timed Arm/Disarm infomation, showing as below:

4.10 Click to control home appliance control switch: (optional)

This 3G alarm system can remotely control by phone for up to 9CH single trigger,9CH double trigger, totally 18CH wireless home appliance plug or switch,showing as below:



4.11 Upgrade: When our company has new software/program,our distributor can use for upgrading file to make the system working better, users do not have the authority to upgrade by themselves.

Chapter Five: Function Setting and Program via Keypad

Note: Original 4 digits password for all the settings: 1234

1. Coding wireless keypad

Wireless keypad need to match/code with 3G alarm system before using,operate like this: Press "RESET" button in the bottom of the 3G system, the main host will make a sound "B" per second,at this moment press "#" on the keypad,the main host will make a sound of "BB",it means matching/coding successfully.

2. Alarm phone number setting

This system support total 6 alarm phone numbers, video talking and audio talking is optional.

A. Ordinary alarm audio talking number setting:

When main panel is in standby status, input "**#(1～6)*phone number#**" on the wireless keypad, main panel will BEEP when you press every key. Two BEEP indicate alarm audio talking number setting ok.

1～6 means No.1 to No.6 video talking or audio talking alarm phone number.

For example, if your phone number is 13800138000 and you want to set it to be NO.1 alarm audio talking number, you can input "**#1*13800138000#**"

B. Alarm video talking number setting:

When main panel is in standby status, input "**#(1～6)*3*phone number#**" on the wireless keypad, main panel will BEEP when you press every key. Two BEEP indicate alarm video

talking number setting ok.

1 ～ 6 means No.1 to No.6 video talking or audio talking alarm phone number.

For example, if your phone number is 13800138000 and you want to set it to be NO.2 alarm video talking number, you can input **"#2*3*13800138000#"**. When alarm happens, you can have video talking with the 3G video alarm system.

C. Alarm SMS number setting

This system support 3 SMS alarm phone numbers.

When main panel is in standby status, input **"#0*0(1 ～ 6)*phone number#"** on the wireless keypad, main panel will BEEP when you press every key. Two BEEP indicate alarm SMS number setting ok.(1 ～ 6 means No.1 to No.6 alarm SMS number.)

For example, if your phone number is 13800138000 and you want to set it to be the NO.1 alarm D

number, you can input **"#0*01+13800138000#"**

D. Alarm MMS number setting

This system support 3 MMS alarm phone numbers. When main panel is in standby status, input **"# 0 * (11-13) phone number #"** on the wireless keypad, "11-13" stands for 1st group to 3rd group. When you input "11" stand for 1st group, "12" stand for 2nd group."13" stand for 3rd group. E.g #0*1110010# for setting 1st group MMS phone number.

E. How to delete alarm phone numbers

Whether you want to delete alarm audio talking phone number or video talking number, Input **"#(1~6)*#"** on keypad, "1~6" stands for 1st group to 6th group phone number,1 means 1st group, 2 means 2nd group,etc. E.g if you input **"#1*#"**: Deleting 1st group phone number.

F. How to delete SMS phone numbers

Input **"# 0 *(01~03)#"** on keypad, "01~03" stands for 1st group to 3rd group SMS phone number, 01 means 1st group, 02 means 2nd group,etc. E.g if you input **"#0*01#":** Deleting 1st group SMS phone number.

G. How to delete MMS phone numbers

Input **"# 0 *(11~13)#"** on keypad, "11~13" stands for 1st group to 3rd group MMS phone number, 11 means 1st group, 12 means 2nd group,etc. E.g if you input **"#0*11#":** Deleting 1st group MMS phone number.

H. Arm/Disarm short message(SMS) feedback function ON/OFF setting

When main panel is in standby status, input **"#9*11#"** on the wireless keypad, main panel will BEEP when you press every key. Two BEEP indicate Arm/Disarm short message(SMS) feedback function is ON.

If you want to turn OFF this function, you can input **"#9*10#"**

3.Coding wireless remote controls/sensors

A. Coding wireless remote controls

When main panel is in standby status(Arm or Disarm status), input **"#9*90+password+#"** on the wireless keypad, main panel will BEEP when you press every key. Please trigger the remote control quickly after you input the command. Two BEEP indicate coding ok.

B. Coding wireless sensors

When main panel is in standby status(Arm or Disarm status), input **"#9*90+password+zone number+sensor code+sensor alarm mode code+#"** on the wireless keypad, main panel will BEEP when you press every key. Please trigger the sensor quickly after you input the command. Two BEEP indicate coding ok.

NOTE:

1) Zone number: Can be set as 00~99 zone numbers

2) Sensors' name code: "1" - Remote control, **"2" -** PIR, "3"- Door sensor, "4" - Smoke detector, **"5" -** Gas detector, "6" - IR beams, "7" - Water sensor, "8" - Heat detector. "9" -- glass breaking sensor, "0" -- other wireless sensors.

3) Sensors' alarm mode code:

"1" -- Arm(Only in arm status, the sensors will alarm when it is triggered)
"2" -- Bypass(In arm status, the sensors which bypass won't alarm when it is triggered)
"3" -- Disarm (When in disarm status, the sensors won't alarm when it is triggered)
"4" -- Emergency (24hrs monitoring/alarm whether in arm or disarm status)
For example:
Coding **remote control**: **"#9*90+password+#"**
Coding **PIR: "#9*90+password+02+2+2+#"** (02 defense zone, Bypass mode, so PIR can be disarmed seperately with double press key on the remote control.)
Coding **Door sensor: "#9*90+password+03+3+1+#"** (03 defense zone, arm mode)
Coding **Smoke detector: "#9*90+password+04+4+4+#"** (04 defense zone, 24hrs emergency alarm mode)
Coding **Gas detector: "#9*90+password+05+5+4+#"** (05 defense zone, 24hrs emergency alarm mode)

C. Delete all the remote controls
When main panel is in standby status, input **"#9*91+password+#"** on the wireless keypad, main panel will BEEP when you press every key. Two BEEP indicate delete all the remote controls ok.

D. Delete all the wireless sensors
When main panel is in standby status, input **"#9*92+password+#"** on the wireless keypad, main panel will BEEP when you press every key. Two BEEPs indicate delete all the wireless sensors ok.
E. Setting wireless siren ID:
When main panel is in standby status, input **"#9*93+8 digits ID Code+#"** on the wireless keypad, Two BEEP indicate setting successfully.
E.g. Wireless siren ID code: 12100000, input #9*9312100000#.
If you would like to delete wireless siren, please set the ID as 00000000: #9*93 00000000#

4. Siren's hooting time setting
When main panel is in standby status, input **"#9*52+(00 ～ 30) #"** on the wireless keypad, main panel will BEEP when you press every key. Two BEEP indicate siren's hooting time setting ok.
Note: 00 ～ 30 is the siren's hooting time(Unit:minutes)
1) if you set siren's hooting time over 30m, the siren won't stop hooting until you disarm the system;
2) if you set siren's hooting time is 00, the siren will be mute alarm;

5. Siren accompany sound ON/OFF setting
When main panel is in standby status, inp**ut "#9*2(1/0)#"** on the wireless keypad, main panel will BEEP when you press every key. Two BEEP indicate this function setting ok.
Note: **1) #9*21#** Turn ON the Remote control opration audio
2) #9*20# Turn OFF the Remote control opration audio
3) Then when you press any key on the remote control, the mini siren will sound at the same time.

6. Password changing setting
When main panel is in standby status, input **"#7*new password+new password+#"** on the wireless keypad, main panel will BEEP when you press every key. Two BEEP indicate new password changing ok.
For example, if you want to change the original password **1234** into **5678**, you can input **"#7*56785678#"**

7. Time delay to Arm function setting
When main panel is in standby status, input **"#9*50+(01 ～ 99) #"** on the wireless keypad,

main panel will BEEP when you press every key. Two BEEP indicate time delay to arm setting ok.

Note: 01 ～ 99 is the arm delay time(Unit:seconds)

8. Time delay to Alarm function setting

When main panel is in standby status, input "**#9*51+(01 ～ 99) #**" on the wireless keypad, main panel will BEEP when you press every key. Two BEEP indicate time delay to alarm setting ok.

Note: 01 ～ 99 is the alarm delay time(Unit:seconds)

9. Remote control password protection function setting

To protect user's privacy or someone else operate the alarm system randomly, when you dial-in, you should input the necessary right password. You only have 3 times to input password in total, or the system will hang up.

When main panel is in standby status, input "**#9*31 #**" on the wireless keypad to turn on the password protection function; input "**#9*30 #**" to turn off this function.

10. Image and video TF card storage function when alarming

Turn ON/OFF Image and video TF card storage function:

When main panel is in standby status, input "**#9*15#**" on the wireless keypad, main panel will BEEP when you press every key. Two BEEP indicate TF card storage function is ON. When system alarms, images and videos will be stored into TF card.(TF card format: FAT)

If you choose to turn on this function, it will take 3 photos and record for 5s to TF flash card when alarm happens.

If you want to turn OFF this function, you can input "**#9*14#**" on the wireless keypad when main panel is in standby status. Default setting: function OFF

11. Device installation and image & video direction setting

If the device is lying installed and you want to get correct image and video, you should input "**#9*60#**" on the wireless keypad when main panel is in standby status.

If the device is hung installed and you want to get correct image and video, you should input "**#9*61#**" on the wireless keypad when main panel is in standby status.

12. 3G network searching

The 3G system default set 3G automatically, if the 3G signal is weak, the 3G system will switch to 2G network automatically. As you know, if using 2G network, it can call out video call. At this moment, users can choose 3G Only, you can operate on keypad like this: "**# 9*13 #",** the main host will sound "BB" to indicate operation successfully.

(Please note: If choosing 3G Only, if there is no 3G signal, the main host won't switch to 2G network.)

If setting 3G automatically(When there is no 3G signal, it will switch to 2G signal), operate like this: "**# 9*12 #",** the main host will sound "BB" to indicate operation successfully.

13. Setting AC power failure alarm function

It is set to be ON by default setting. When AC power off or external power stop, the main host will alarm immediately.

Close this function: operate on wireless keypad like this: "**# 9*40 #",** the main host will sound "BB" to indicate operation successful.

Start this function: operate on wireless keypad like this: "**# 9*41 #"**, the main host will sound "BB" to indicate operation successful.

14.Start Record when arm function

This function is closed from default setting. When press button " " on remote controller, the 3G main host will record to TF Flash card, when press " " on remote controller, the 3G main

host stop recording.

Start this function: Input **"# 9*81 #"** on keypad, the main host will sound "BB' to indicate operation successful.

Close this function: Input **"# 9*80 #"** on keypad, the main host will sound "BB' to indicate operation successful.

15. Come back to factory default setting

When main panel is in standby status, input **"#9*69+password+#"** on the wireless keypad, main panel will BEEP when you press every key. Two BEEP indicate new password changing ok.

Note: When the system come back to factory default setting, all the functions will be:

1) Siren accompany sound: ON
2) Alarm calling quantity is: 15
3) Time delay to arm is:0s
4) Time delay to alarm is:0s
5) Alarm phone numbers,SMS numbers and MMS number is blank
6) Arm/disarm SMS remind function is: OFF

16. Formatting TF card

Input "**#9*67 + password+ #"** on wireless keypad, main panel will BEEP when setting is over. Two BEEP indicate operation successful. After operating this command, the main panel will delete all the file in TF card.

17. How to set disarm indication tone of door sensor

Start disarm indication tone of door sensor, Input: **"#9*17+#"** on wireless keypad, main panel will BEEP when operation finished. Two BEEP indicate operation successful. Enable this function, the main panel will sound voice to indicate when door is opened in disarmed state.

Close disarm indication tone of door sensor, Input: **"#9*16+#"** on wireless keypad, main panel will BEEP when operation finished. Two BEEP indicate operation successful.

18. Main host language setting

Set to be in English: Input **"#9*56+password+#"** on wireless keypad, main panel will BEEP when operation finished.Two BEEP indicate operation successful and the voice call menu and SMS will auto switch to English.

Set to be in Chinese: Input **"#9*55+password+#"**on wireless keypad, main panel will BEEP when operation finished.Two BEEP indicate operation successful and the voice call menu and SMS will auto switch to Chinese.

Chapter Six: How to operate the alarm main panel

1. Remote control operation

A. The master can lock the door and press to arm the system and then go out.

B. When master return home, he should press to disarm the system firstly, then enter the house.

C. Any emergency happens, master can press to send out emergency alarm, siren will hoot and main panel will auto dial alarm phone numbers whether main panel is armed or disarmed.

D. Some specific sensors can be disarmed seperately with double press key on the remote control when the main panel is armed, it is called BYPASS.

E. Once the main panel is power on and setting ok, smoke detector and gas detector will be in arm status all the time, no matter main panel is armed or disarmed.

2.Working steps after alarm happens:

When main host take place alarming:

1) Siren hooting

2) If TF card insert in advance, it will take 3 photos to TF card, then start recording to TF card.
3) Sending SMS to alarm SMS phone number preset, e.g.: 03 zone door sensor alarm, it will send SMS like this: **Wireless Alarm in zone NO.03!! (Door sensor)**
4) Sending one MMS picture to alarm MMS phone number preset, MMS title like this: "3G Alarm".
5) Auto dial 1st group visual or voice alarm phone number.

3. How to control when you receive alarm calling
1)When alarm happens, the siren will hoot to warn neighbours, and the video alarm main panel will auto dial the preset 6 alarm phone numbers. If it is set visual phone call, when you answer the alarm calling, you can view the video around the video alarm system, you can hear alarm voice menu indication also. E.g "Emergency Alarm", press * to play function voice menu:

Press “1” to listen in the alarm spot
Press “2” to active the siren
Press “3” to deactive the siren
Press “1” again to listen in the alarm spot
Press “4” to arm the system
Press “5” to disarm the system
Press “6” to start speaking
Press "7" to exit speaking
Press "8" to video setting
Press "9" to control PTZ
Press "0" for alarm message replay
Press "*" for voice menu replay

1)You can press "8" to enter sub voice menu for video setting:
Press 1 for: Start night mode.
Press 2 for: Close night mode.
Press 3 for: BRIGHTER. (Note: The video brightness will be strenthen for 1x by pressing key 3 each time, totally 6x.)
Press 4 for: BRIGHTLESS. (Note: The video brightness will be reduced for 1x by pressing key 4 each time.)
Press 5 for: Start Recording. The main host will record to TF card, the recording will be saved under VideoCall file.
Press 6 for: Stop Recording. If the recording has already started, the main host will stop recording and save.
Press 0 for: Replay voice menu. (Note: The main host will replay video setting voice menu again.)
Press * for: Back on a directory. (Note: The main host will back on main voice menu directory.)

3) You can press “9” to enter sub voice menu for PTZ controlling:
press "2" one time: UP direction for 15 degree
press "8" one time: DOWN direction for 15 degree
press "4" one time: LEFT direction for 15 degree
press "6" one time: RIGHT direction for 15 degree
press "5" for auto rotation, press "5" again to stop auto rotation.
press “1” to zoom out,press one time for 1X zoom out.
press “3” to zoom in, press one time for 1X zoom in, totally 6X.
press "9" for reverse video/image.
press "7" for forward video/image.
press "0" for voice menu replay. The main host will replay PTZ controlling voice menu again.
press "*" for back on main voice menu directory.

Please don't forget to press "#" for exiting phone operation&confirm the alarm!
If you hang up the phone without pressing "#", the main host won't stop alarming. It will dial next group alarm phone number by turn, or re-dial the alarm phone number. It will stop dialing for alarm until up to totally 15 times.

3.How to control when remotely dialing in
Use 3G mobile phone to dial visual phone call to the alarm system, it will automatically answer after 3 rings. If it is set password protection function, you will hear voice indication "Please input password" (4 digits password, factory default setting: 1234.) within 5s. If you input wrong password, you will hear voice remind: "Wrong password, please input again." 3 times wrong password input will hang up the phone. ***When you input password, each key input you will hear one sound beep from the phone, if you don't hear beep voice within 2s please press the key again.*** (If you turn off the remote control password protection function, no password needed here.)
If password correctly input, you can view the video around the video alarm systems and hear voice menu playing. **Please don't forget to press "#" to exit phone operation!**

3.SMS remote control function
You can use SMS to control the 3G alarm system except. But it must use the command as below, if the SMS is identified and operation successful, it will automatically feedback you one related SMS. The SMS command is start with password + some word, the SMS command support like below: (Note: All the SMS/MMS command letters must be in capital writing.)

ARM: PASSWORD+ARM (e.g 1234ARM) If successful,feedback SMS: "Host is activated!"
DISARM: PASSWORD+DISARM (e.g 1234DISARM) If successful,feedback SMS:"Host is deactivated!"
SIREN ON: PASSWORD+ONSIREN (e.g 1234ONSIREN) If successful,feedback SMS:"Siren is on!"
SIREN OFF: PASSWORD+OFFSIREN (e.g 1234OFFSIREN) If successful,feedback SMS: "Siren is off!"
To get MMS: PASSWORD+MMS+S(176*144),M(320*240),L(640*480)
E.g 1234MMSS, If successful,you will get MMS from spot after 2 minutes.
If only sending 1234MMS, it will send MMS of size 176*144 by default.

3.MMS Network Parameter Setting:
If you don't know the MMS parameter,please consult with your local communication operator, the default setting are basing on China Unicom MMS parameter.
1)Setting GPRS Access Point Name and password:
Sending SMS to 3G main host: password+**APN**+"APN"+,+"user name"+,+"password"
If user name and password are in blank, so it don't need to fill in. Only send: password+APN+"APN"
E.g China mobile APN is CMWAP, user name: in blank, password: in blank
Sending SMS to 3G alarm main host: 1234**APN**CMWAP
After setting successful, it will feedback SMS: Access Point Name Setting successfully
E.g APN is WAP, user name: ABC, password: 123
Sending SMS: 1234**APN**WAP,ABC,123

1)Setting MMS centre address(MMSC URL)
Sending SMS to 3G main host: password+URL+"MMSC url"
E.g China mobile MMSC URL is http://mmsc.monternet.com Sending SMS to 3G main host: 1234**URL**http://mmsc.monternet.com
If setting successful, it will feedback SMS: MMS Center URL Setting successfully

1)Setting MMS Proxy

Sending SMS to 3G main host: password+**PROXY**+"IP"+,+"PORT"
E.g China mobile MMS Proxy is 10.0.0.172:80 Sending SMS to 3G main host: 1234**PROXY**10.0.0.172,80
If setting successful, it will feedback SMS: MMS Proxy Setting successfully

Chapter Seven: FAQ:

1. Why I didn't receive video talking alarm?
A. When you set video talking alarm phone numbers, you forgot to add 3* in the correct command **"#(1 ～ 6)*3*phone number#"**, then you only can have audio talking function.
B. Wrong video talking alarm number or your number is not in the 3G service area.
C. The system haven't enter 3G network. Please look at the rear of the camera, if the red STATE light flicker every 5s, it indicate 3G signal is ok; if not, no 3G signal.
D. The SIM card you inserted is not a 3G WCDMA SIM card.

2. Why remotely dial in and indicate:"Wrong password, please input again."?
(1) please confirm whether the password you input is correct. You can alter it according the altering command.
(2) please confirm every number of the password you are inputting, you can hear the main host sending out the confirming voice"beep". If not, please input the number one more time.

3. Why it can't view the live video when I call in remotely?
Please confirm whether you use the visual phone to dial. If it is just the voice call, you can't view the live video. Please use the visual phone to dial to the main panel.

3. **Why i can't receive MMS although I have preset the MMS phone number?**
The factory setting defaults parameter of MMS is China Union. If you use other communication operator, please refer to the MMS network parameter setting before using.

5. Wireless keypad and remote control don't work any more?
A. Low voltage
B. Battery shrapnel loosen or rust
C. Not coding to the main panel
Solution:
Change battery, code to the main panel, contact your local distributor to purchase new ones

6. Siren not work?
A. Siren pin and jack short circuit or break off
B. Bad connection between pin and jack
C. Pin cable open circuit
D. Mute alarm setting
Solution:
Change or repair siren pins or pins cable, set sound alarm

Chapter Eight: Technical Parameters

1. Technical Parameters: Power: DC12V 2AWorking current(max.): ≤600MAWorking static current: <30mA(12V)Indoor working environment: -20° ---+50° Relative humidity: 10%～ 95%Horizontal Angle(max.): 270°Vertical Angle: 0°-90°Rotation speed: Horizontal about 12°/S, Vertical about 12°/S. up, down, left, right, auto Siren: ~120dB(12V)Support standard WCDMA 64kbps(CS) Video CallCompatible communication mode: HSDPA/UMTS/EDGE/GPRS/GSMOperating frequency:3G network model E: UMTS/USDPA 900/2100MHz 3G network model A: UMTS/USDPA 850/1900MHz 2G/2.5G network: GSM/GPRS/EDGE 850/900/1800/1900Mhz Output power: -UMTS 900/2100: 0.25W

-UMTS 850/1900: 0.25W -GSM 850/900：2W -DCS 1800: 1WCamera: 0.3mega pixelsVideo Compression format: MP4/3GPPixel: 1.3 megapixels, lens 6mmVisual IR distance: 15m

2. Standard Package:

3G video alarm 1pcs(including camera bracket 1set), remote controller 2pcs, door sensor 1pcs, PIR motion sensor 1pcs, wireless keypad 1pcs, mini siren 1pcs, external speaker 1pcs, USB data cable 1pcs, power adapter 1pcs.

NOTE:

1. This device should installed at a dry and ventilated place, should get rid of direct sunshine, high temperature and strong magnetic field interfere place.
2. Please don't clean the device with corrosive toluol liquid.